

**GENERAL DYNAMICS
FORT WORTH DIVISION**

F-16 FALCON



F-16 . . . A SUPERIOR FIGHTER, AN OUTSTANDING PROGRAM



*F-16 FSD Aircraft
Performance Exceeded
All Requirements*

- Won USAF's Lightweight Fighter competition
 - Best performance and lowest cost
- Selected by four NATO countries, largest multinational military program in history; now the choice of ten countries
- Meeting all cost and schedule commitments
 - First prototype - Under cost, ahead of schedule
 - First full-scale development F-16 - Under cost, ahead of schedule, met or exceeded all requirements
 - First production F-16 - Ahead of schedule, under cost
 - All program milestones - On or ahead of schedule
- Chosen by USAF for first major aircraft multiyear procurement contract

Excellent Worldwide Operations

- Setting new standards of readiness
- Rated "excellent" in all operational evaluations
- Unbeatable air-to-air capability
- Unmatched air-to-surface weapon accuracy
- Proven multimission combat effectiveness
- In operation in the U.S., Europe, Asia and the Middle East

F-16 . . . the Choice of Ten Nations



Belgium



Israel



Denmark



Egypt



Korea



The Netherlands



Pakistan



Norway



Venezuela

The United States

A GIANT STEP FORWARD

The most exciting new capability available in the near future is the F-16XL. Featuring a new cranked-arrow wing and a 56-inch fuselage stretch, the F-16XL will carry **twice the payload of today's F-16 . . . 50% farther**. In addition, the instantaneous turn capability is significantly improved. The new F-16XL airframe coupled with MSIP avionics and weapons will assure the F-16's unmatched multimission superiority in the next decade.

■ Capable

- Precision day, night, all-weather strike
- All-environment, long-range missile attack
- Increased range/payload flexibility
- High reliability and availability
- Demonstrated multimission capability
- Sustained air-intercept supersonic cruise

■ Survivable

- Higher penetration speed
- Reduced radar cross-section
- Improved low-speed maneuverability
- Advanced countermeasures
- Shorter takeoffs and landings

■ Affordable

- Retained low acquisition and operation costs



F-16XL First Flight in July 1982

UNMATCHED OPERATIONAL CAPABILITY

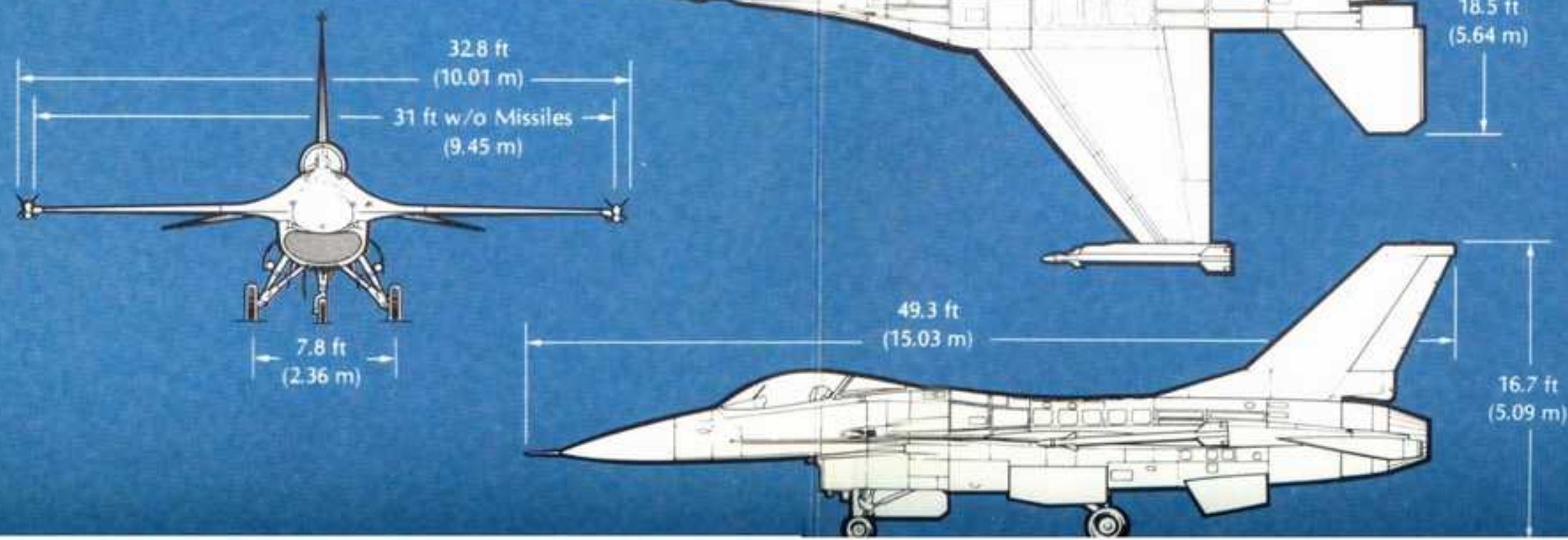
The true measure of any fighter is how it performs operationally . . .

The F-16 is unmatched and combat proven:

- Combat ready in the air forces of the United States, Belgium, Denmark, the Netherlands, Norway, Egypt, Israel and Pakistan. Soon to be in Venezuela and the Republic of Korea
- Weapon delivery accuracy equal to or better than any system in the USAF inventory
- Air combat maneuverability superior to that of any fighter
- Unexcelled sortie-generation capability

The USAF now operates more than 525 F-16s, which have accumulated over 200,000 flight hours. Five combat-ready F-16 wings are in the U.S. In early 1983, USAF F-16s were deployed outside the continental U.S. and are assigned to PACAF at Kunsan Air Base, Korea, and to USAFE at Hahn Air Base, West Germany, and at Torrejon, Spain.

No other fighter in operation makes such extensive use of advanced technology. The F-16 multimission fighter has sufficient range to get to the battle with enough combat fuel to stay with the fight and win.



Maximum Gross Weight . . . 35,400 lb (16,060 kg)
Speed Mach 2+
Range . Fighter: Over 550 n.mi. radius (1,000 km)
Ferry: Over 2,000 n.mi. (3,700 km)
Engine Model Pratt & Whitney F100-PW-200
Thrust 23,840 lb (106 kN)
Service Life 8,000 flight hours
External Load Capacity 12,000 lb (5,440 kg)
on 9 weapons stations and 3 sensor stations

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